

ABSTRACT

A system for treating a body lumen is disclosed. The system comprises an outer stent and an inner stent disposed within the lumen of the outer stent. At least one end of the inner stent extends outside of the lumen of the outer stent, so that the end of the inner stent contacts and conforms to the body lumen wall that is adjacent the end of the outer stent. A coating can be disposed on a surface, preferably the outer surface, of the inner stent. The coating contains a therapeutic substance that may be released into the body lumen wall to help in preventing restenosis. Also disclosed is a stent having a balloon-expandable portion connected to a self-expanding portion. Methods for deploying the system and the stent are also disclosed.